

6/7/1 (Item 1 from file: 351)  
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WPI Acc No: 1993-369798/\*\*199347\*\*

Prodn. of monoclonal antibodies to human interferon alpha-2 - by hybridoma method with selection by ELISA assay, used in medical diagnostics, therapy monitoring and research, etc.

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Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 4216200	A1	19931118	DE 4216200	A	19920515	199347 B

Priority Applications (No Type Date): DE 4216200 A 19920515

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 4216200	A1	4		C07K-015/28	

Abstract (Basic): DE 4216200 A

Prodn. of monoclonal antibodies against human interferon alpha-2)  
(I) is effected by immunising Balb/c mice with (I); fusing the mouse spleen cells with mouse myeloma cells; cloning the resulting hybridomas in cell culture vessels; selecting antibody-producing clones by ELISA assay; and producing antibodies from clones that give extinction values at least 5 times greater than the blank value in the ELISA assay.

The ELISA assay is pref. performed by binding (I) to microtitre plate wells, adding culture supernatant from the hybridoma clones, and detecting antibody binding by means of enzyme-labelled anti-mouse Ig.

USE - The antibodies are useful in medical diagnostics, therapy monitoring, basic research and biotechnology. They are esp. useful for quantitative determinn. of (I) and for affinity purificn. of natural or recombinant (I).

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Derwent Class: B04; D16

International Patent Class (Main): C07K-015/28